

DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **Compositions of orthogonal glutamyl-trna and aminoacyl- trna synthetase pairs and uses thereof** the specification of which was filed on January 5, 2006 as Application No. Not Yet Known, and was amended on March 9, 2006.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

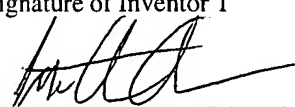


Application No.	Filing Date
60/485,451	July 7, 2003
60/513,109	October 20, 2003

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
PCT/US2004/021813	July 7, 2004	Pending

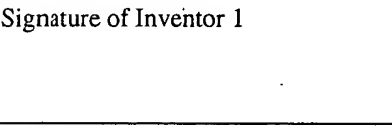
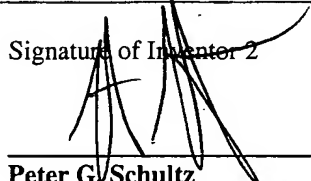
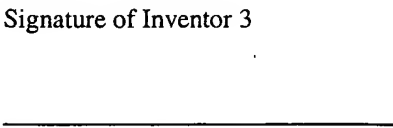
Full Name of Inventor 1:	Full Name: J. Christopher Anderson		
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California	Country of Citizenship: United States
Post Office Address:	Post Office Address: 124 Mason Street, Apt., 401, San Francisco, California 94102		
Full Name of Inventor 2:	Full Name: Peter G. Schultz		
Residence & Citizenship:	City: La Jolla	State/Foreign Country: California	Country of Citizenship: United States
Post Office Address:	Post Office Address: 1650 La Jolla Ranch Road, La Jolla, California 92037		
Full Name of Inventor 3:	Full Name: Stephen Santoro		
Residence & Citizenship:	City: Cambridge	State/Foreign Country: Massachusetts	Country of Citizenship: United States
Post Office Address:	Post Office Address: 1697 Cambridge Street #15, Cambridge, Massachusetts 02138		

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 	Signature of Inventor 2 	Signature of Inventor 3 
J. Christopher Anderson	Peter G. Schultz	Stephen Santoro
Date 6/7/06	Date	Date




Full Name of Inventor 1:	Full Name: J. Christopher Anderson		
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California	Country of Citizenship: United States
Post Office Address:	Post Office Address: 124 Mason Street, Apt., 401, San Francisco, California 94102		
Full Name of Inventor 2:	Full Name: Peter G. Schultz		
Residence & Citizenship:	City: La Jolla	State/Foreign Country: California	Country of Citizenship: United States
Post Office Address:	Post Office Address: 1650 La Jolla Ranch Road, La Jolla, California 92037		
Full Name of Inventor 3:	Full Name: Stephen Santoro		
Residence & Citizenship:	City: Cambridge	State/Foreign Country: Massachusetts	Country of Citizenship: United States
Post Office Address:	Post Office Address: 1697 Cambridge Street #15, Cambridge, Massachusetts 02138		

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Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
		
J. Christopher Anderson	Peter G. Schultz	Stephen Santoro
Date	Date 6-1-06	Date

Full Name of Inventor 1:	Full Name: J. Christopher Anderson		
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California	Country of Citizenship: United States
Post Office Address:	Post Office Address: 124 Mason Street, Apt., 401, San Francisco, California 94102		
Full Name of Inventor 2:	Full Name: Peter G. Schultz		
Residence & Citizenship:	City: La Jolla	State/Foreign Country: California	Country of Citizenship: United States
Post Office Address:	Post Office Address: 1650 La Jolla Ranch Road, La Jolla, California 92037		
Full Name of Inventor 3:	Full Name: Stephen Santoro		
Residence & Citizenship:	City: Cambridge	State/Foreign Country: Massachusetts	Country of Citizenship: United States
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Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
		
J. Christopher Anderson	Peter G. Schultz	Stephen Santoro
Date	Date	Date 6/12/06

NOT FOR RECORDATION

Attorney Docket No.: 54A-000510US
TSRI Reference No.: 1002.1 US / AMB0100P
Ambrx Ref. No. 0072.00US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, J. Christopher Anderson, of 124 Mason Street, Apt., 401, San Francisco, California 94102, Peter G. Schultz of 1650 La Jolla Ranch Road, La Jolla, California 92037, and Stephen Santoro of 1697 Cambridge Street #15, Cambridge, Massachusetts 02138, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: COMPOSITIONS OF ORTHOGONAL
GLUTAMYL-TRNA AND AMINOACYL-
TRNA SYNTHETASE PAIRS AND USES
THEREOF

Filing Date: January 5, 2006

Application No.: 10/563,656; and

WHEREAS, The Scripps Research Institute, a corporation, located at 10550 North Torrey Pines Road, La Jolla, California 92037, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and which claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

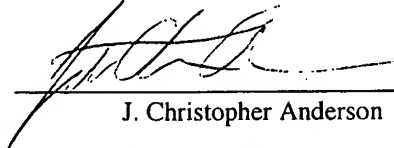
Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

NOT FOR RECORDATION

Assignment
Application No.: 10/563,656
Page 2

IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

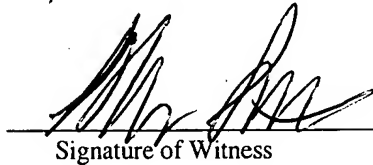
Dated: 6/7/06



J. Christopher Anderson

SIGNATURE WITNESSED BY:

(1) Date: 6/8/2006



Signature of Witness

Dated: _____

Peter G. Schultz

SIGNATURE WITNESSED BY:

(1) Date: _____

Signature of Witness

Dated: _____

Stephen Santoro

SIGNATURE WITNESSED BY:

(1) Date: _____

Signature of Witness

NOT FOR RECORDATION

Assignment
Application No.: 10/563,656
Page 2

IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

Dated: _____

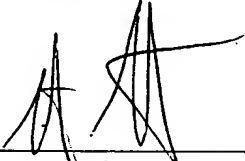
J. Christopher Anderson

SIGNATURE WITNESSED BY:

(1) Date: _____

Signature of Witness


Dated: 6-1-06



Peter G. Schultz

SIGNATURE WITNESSED BY:

(1) Date: 6/1/06



Signature of Witness

Dated: _____

Stephen Santoro

SIGNATURE WITNESSED BY:

(1) Date: _____

Signature of Witness

NOT FOR RECORDATION

Assignment
Application No.: 10/563,656
Page 2

IN TESTIMONY WHEREOF, Assignors have signed his/her name on the date indicated.

Dated: _____

J. Christopher Anderson

SIGNATURE WITNESSED BY:

(1) Date: _____

Signature of Witness

Dated: _____

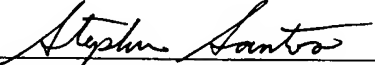
Peter G. Schultz

SIGNATURE WITNESSED BY:

(1) Date: _____


Signature of Witness

Dated: 6/12/06


Stephen Santoro

SIGNATURE WITNESSED BY:

(1) Date: 6/12/2006


Signature of Witness